1. Record Nr. UNINA9910463116003321 Autore Pike Dag Titolo 50 ways to improve your weather forecasting [[electronic resource] /] / Dag Pike London, : Bloomsbury Publishing, 2013 Pubbl/distr/stampa **ISBN** 1-4081-2721-0 Descrizione fisica 1 online resource (97 p.) Collana 50 ways Disciplina 551.65162 Soggetti Weather forecasting Marine meteorology Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Cover; Copyright; Contents; WEATHER FORECASTS; 1 When to go to sea: Nota di contenuto 2 Negotiating with the weather; 3 Weather in the fourth dimension; 4 The limitations of forecasts: 5 Questioning the forecast: 6 Evolving weather: 7 You get what you pay for: 8 Weather from coast stations: INTERPRETING THE FORECASTS; 9 Recording the weather; 10 Reading between the lines; 11 The meaning of 'later'; 12 The speed of the weather; 13 Pinning down the wind strength; 14 The language of forecasters; 15 Forecasting wave height; FINE-TUNING THE FORECAST; 16 Fine-tuning factors; 17 Inconsistencies in the forecast 18 When the airflow is broken19 When the wind is off the land; 20 Winds around and over islands; 21 Winds parallel to the shore; 22 Sea breezes; THE WIND AND THE SEA; 23 The Beaufort Scale; 24 The effect of wind on the tides; 25 Tides and waves; 26 Wave refraction; 27 Wave heights; 28 The effect of depth on sea conditions; 29 Identifying dangerous sea conditions; 30 What makes a wave break; 31 Fetch and time; LOCAL WEATHER CONDITIONS; 32 Radiation fog; 33 Advection fog; 34 When will the fog clear?; 35 Drizzle; 36 Gusts; 37 Squalls; 38 Thunderstorms; 39 Avoiding thunderstorms 40 Line squalls and waterspouts41 The message from the clouds; 42 Clouds in a warm front: TACTICS AND SHORT-TERM CHANGES: 43

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Sommario/riassunto

This is a book about practical weather forecasting, and it starts where most other books finish. Weather forecasts give you a lot of information about the weather to come but they often leave out a lot of the detail, and the timing of changes can also be vague. In this book, Dag Pike shows how to translate the basics into practical weather forecasts so that you can work out what it will be like in your area and along your proposed route. Sailors will be able to make better use of the available wind and avoid difficult areas, whilst powerboat drivers more interested in the sea conditions will b